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(74) Agents: KODAMA, Yoshihiro et al.; Enju-Ochanomizu Bldg. 3F, 17-2, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP).

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(71) Applicant (for all designated States except US): BANDO CHEMICAL INDUSTRIES, LTD. [JP/JP]; 2-15, Meiwa-dori 3-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0883 (JP).

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(71) Applicants and

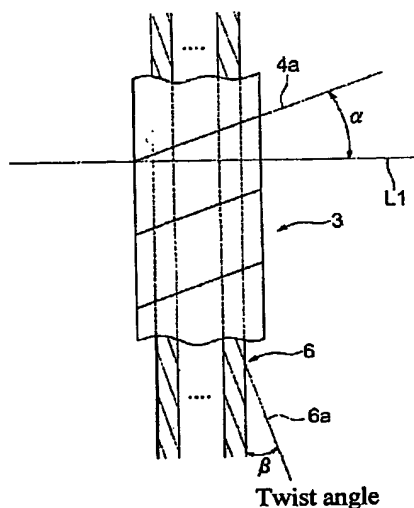
(72) Inventors (for US only): MATSUDA, Kiyotaka [JP/JP]; c/o BANDO CHEMICAL INDUSTRIES, LTD., 2-15, Meiwa-dori 3-chome,, Hyogo-ku, Kobe-shi, Hyogo 652-0883 (JP). OOTA, Takashi [JP/JP]; c/o BANDO CHEMICAL INDUSTRIES, LTD., 2-15, Meiwa-dori 3-chome,, Hyogo-ku, Kobe-shi, Hyogo 652-0883 (JP).

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(54) Title: METHOD FOR PRODUCING HELICAL SYNCHRONOUS BELT, AND HELICAL SYNCHRONOUS BELT PRODUCED BY SAME



(57) Abstract: To develop a helical synchronous belt for driving carriage that does not generate tracking due to the effect of helical teeth, in order to prevent lower positioning accuracy, vibration associated with reciprocating movement, and reduced durability of the belt as result of contact with the flange on the pulley's side face. The core cord twist angle of the helical synchronous belt is set to a value opposing to the helical tooth angle, with the helical tooth angle set to 5° to 15°, and core cord twist angle set to 15° to 2°.